

BIESEMEYER® MODEL NO. 78-939 CUT-OFF FENCE

For use with Biesemeyer® commercial and home shop fences, and other makes of Biesemeyer-style fences 3-1/2" or 4" wide

The cut-off fence is shipped complete in one container. Fig 1, illustrates all components shipped.

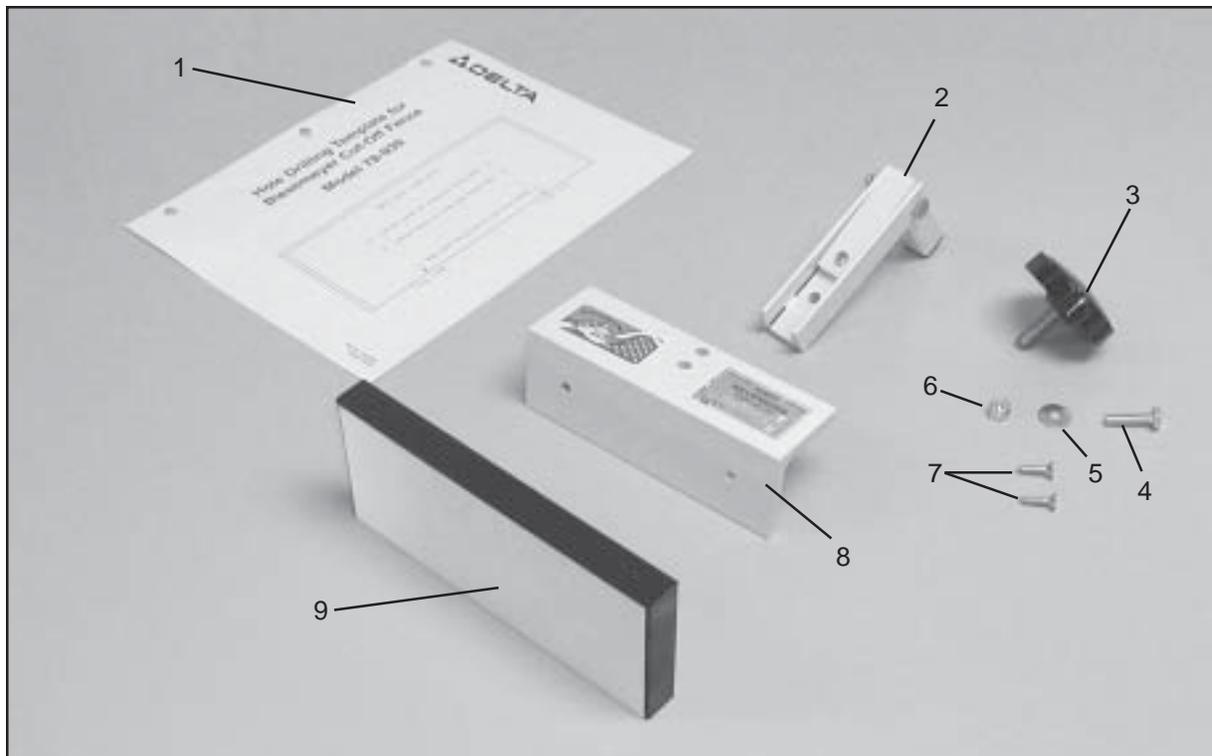


Fig. 1

COMPONENTS

1. Drilling template (for Biesemeyer® fences only)
2. Clamp and bracket assembly
3. Knob assembly
4. 1/4-20 x 1" hex head bolt
5. 1/4" flat washer
6. 1/4-20 locknut
7. #10x 3/4" flat head self-tapping screw
8. 6" cut-off fence support
9. Cut-off fence board

SAFETY RULES

1. **DO NOT** use cut-off fence in ripping applications; it is only to be used with the miter gage to perform cut-offs.
2. **ALWAYS** make certain saw fence and cut-off fence are securely fastened before use.
3. **ALWAYS** turn the saw off and allow the saw blade to come to a complete stop before attempting to remove cut-off pieces.
4. **AVOID** trapping the workpiece between the fence and saw blade. The piece of wood being cut must be past the cut-off fence before contacting the saw blade.

ASSEMBLY

DISCONNECT SAW FROM POWER SOURCE UNTIL ALL ASSEMBLY AND SET-UP PROCEDURES HAVE BEEN COMPLETED.

FOR BIESEMEYER® COMMERCIAL OR HOME SHOP FENCES ONLY.

1. Fold template (A) Fig. 2, on fold line and align the template with the bottom of fence board (B). Using a punch, mark the fence board (B) as indicated on the template (A) for Commercial or Home Shop installation. Then proceed to section **“FOR ALL FENCES” STEP 8.**

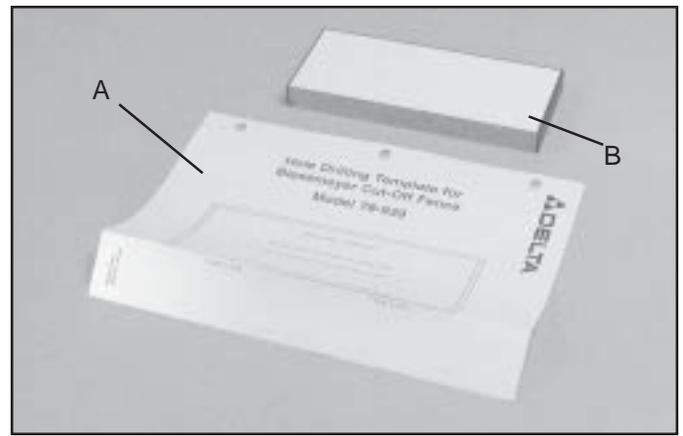


Fig. 2

FOR BRANDS OTHER THAN BIESEMEYER

2. Place cut-off support (C) Fig. 3, onto saw fence (D) as shown.

3. Place a straight edge (E) Fig. 3, approximately 1/16" - 1/8" thick, onto saw table as shown. Then, place cut-off fence board (F) Figs. 3 and 4, vertically onto straight edge (E) and against saw fence (D) with the unfinished edge down as shown in fig. 4.

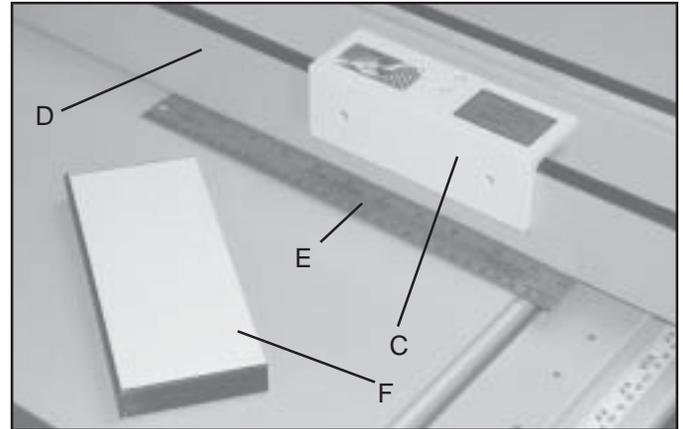


Fig. 3

4. Hold cut-off fence board (F) Fig. 4, firmly against cut-off fence support (C), and draw a line across the rear of cut-off fence board (F) as shown.

5. Remove cut-off fence board (F) Fig. 4, and cut-off fence support (C) from saw fence (D), and place cut-off fence board onto a flat, supporting surface with pencil marks facing up as shown in fig. 5.

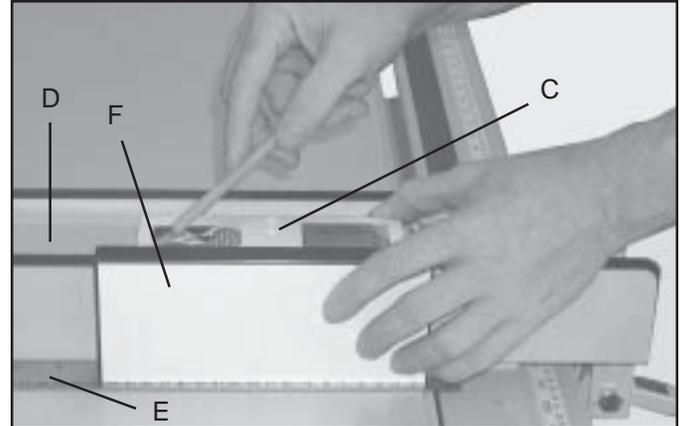


Fig. 4

6. Align the top of cut-off fence support (C) Fig. 5, with the pencil line on cut-off fence board (F) and center cut-off fence support (C) onto board.

7. Using a pencil, mark the back of cut-off fence board (F) Fig. 5, through the two holes (G) in cut-off fence support (C).

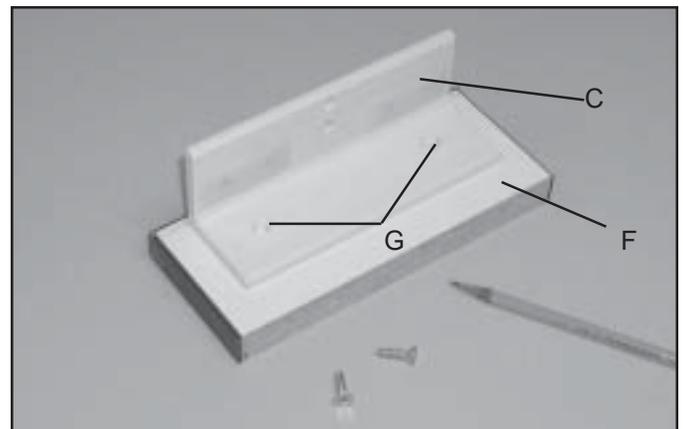


Fig. 5

FOR ALL FENCES

8. Using a 1/8" drill bit, drill two 1/8" pilot holes 1/2" deep at the two marked locations on the back of cut-off fence board (F) Figs. 5 and 6. **NOTE: Mark the drill bit with masking tape to act as a depth gage to prevent drilling through fence board.**

9. Align two holes (G) Fig. 6, with drilled holes (H) and fasten cut-off fence support (C) to cut-off fence board (F) using two #10 x 3/4" flat head screws (J).

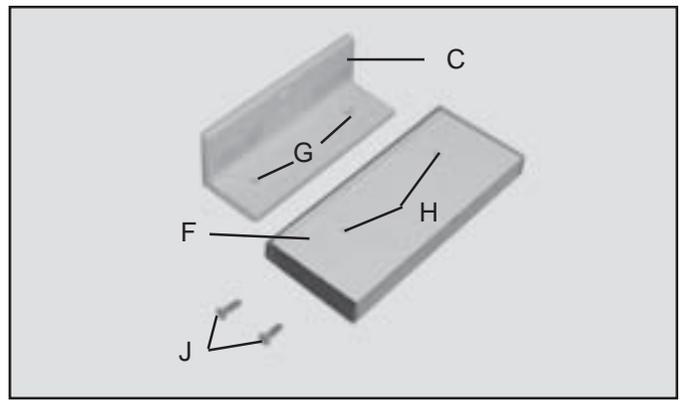


Fig. 6

10. Align hole (K) Fig. 7, in clamp and bracket assembly (L) with the appropriate thru-hole (M) or (N) in cut-off fence support (C) and fasten using the 1" long hex head bolt (P), flat washer (R) and lockwasher (S). **NOTE: Thru-hole (M) Fig. 7, is used for Biesemeyer® commercial fences, or fences which are approximately 4" wide, and thru-hole (N) is used for Biesemeyer® home shop fences, or fences that are approximately 3-1/2" wide. Also, bolt (P) Fig. 7, is to be inserted from the bottom with the flat washer (R) and lock nut (S) located on top.**

CAUTION: Do not tighten lock nut (S) Fig. 7, completely, for clamp and bracket assembly (L) Fig. 8, needs to move freely.

11. Fig. 8 illustrates clamp and bracket assembly (L) properly fastened to cut-off fence support (C), for use with a Biesemeyer® commercial fence. Assembly to Biesemeyer® home shop-style fences is similar.

12. Thread knob (T) into threaded hole (W) of clamp and bracket assembly (L) approximately four complete turns.

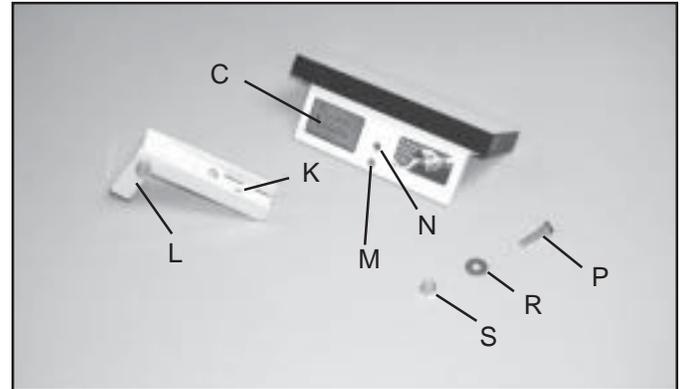


Fig. 7

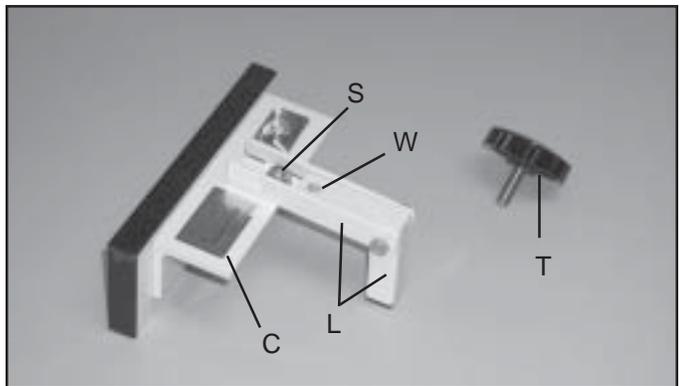


Fig. 8

13. Place entire cut-off fence assembly (X) Fig. 9, so it straddles the saw fence (D) as shown, and tighten knob (T) until cut-off fence assembly (X) is firmly clamped to the saw fence (D). Then secure saw fence (D) in place by pushing down on handle (H).

14. Using a square (Y) Fig. 9, determine if cut-off fence board is 90 degrees to saw table. If an adjustment is necessary, loosen knob (T) slightly and turn adjustment screw (Z) accordingly. Then tighten knob (T) and recheck squareness. Repeat adjustment if necessary.

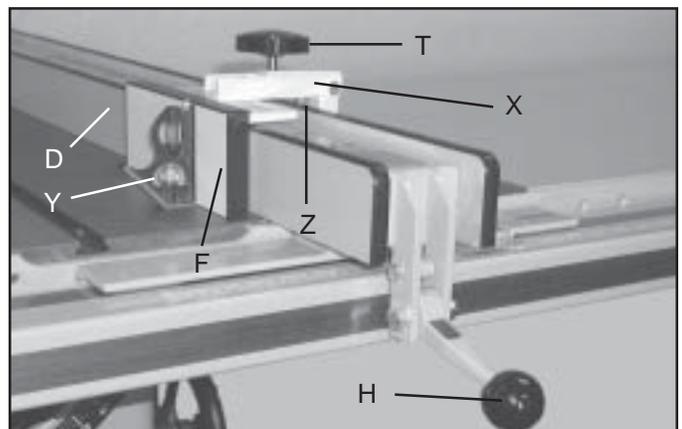


Fig. 9

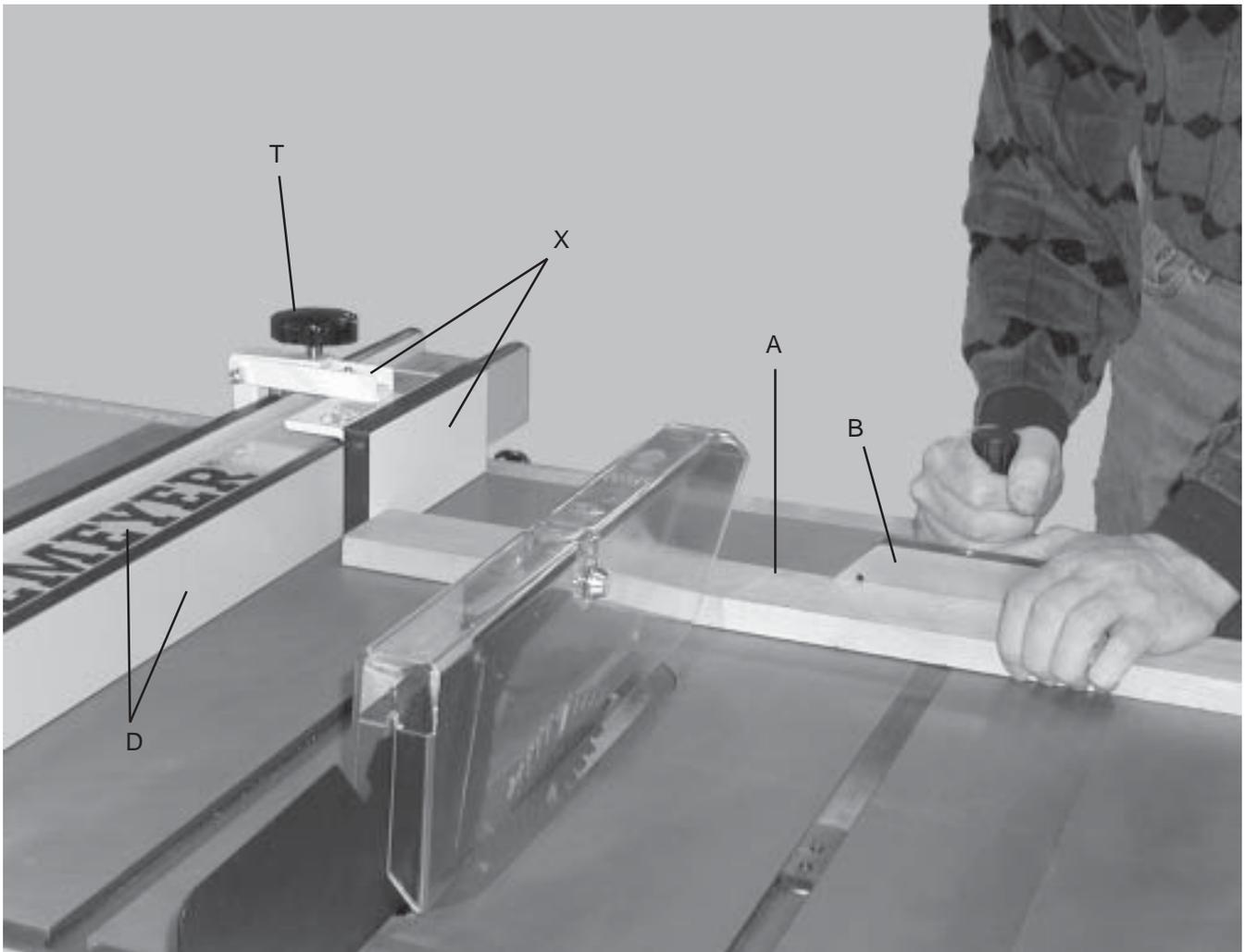


Fig. 10

SET-UP AND USE

DISCONNECT SAW FROM POWER SOURCE

1. Place entire cut-off fence (X) Fig. 10, so it straddles saw fence (D), and is positioned close to the front edge of saw table as shown. Then tighten knob (T).

WARNING: ALWAYS POSITION CUT-OFF FENCE (X) FIG. 10, IN FRONT OF THE SAW BLADE SO THE WORKPIECE CANNOT BE TRAPPED BETWEEN SAW FENCE AND SAW BLADE TO AVOID KICKBACK. THE PIECE OF MATERIAL BEING CUT MUST BE PAST THE CUT-OFF FENCE (X) BEFORE CONTACTING THE SAW BLADE.

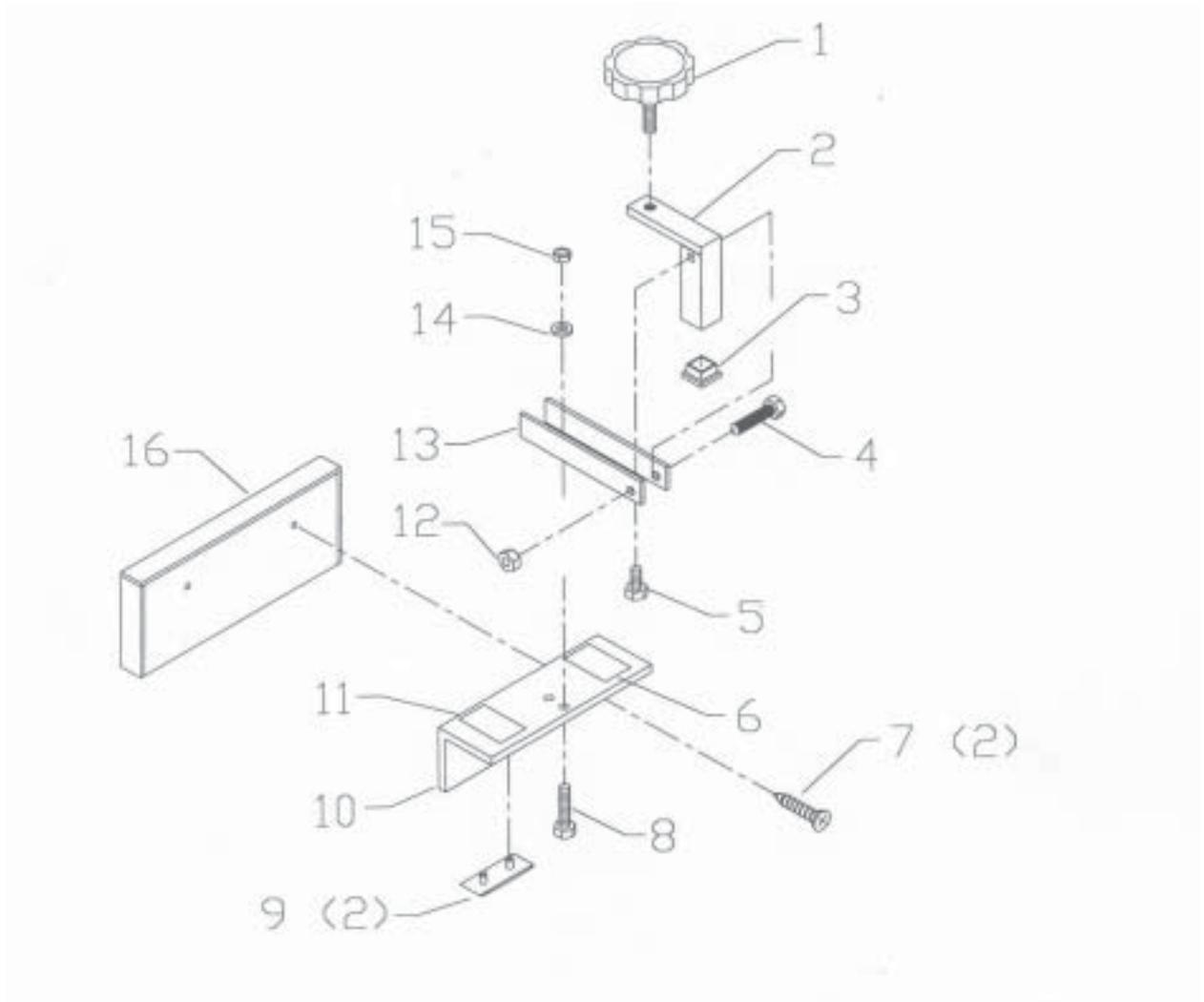
2. Adjust and lock saw fence (D) Fig. 10, to the desired setting. **NOTE: Cut-off fence assembly (X) is 1" thick; therefore, you must add 1" when setting the saw fence to the desired cut.**

3. Place edge of material to be cut (A) Fig. 10, against face of miter gage (B) and slide material until the edge contacts cut-off fence (X) as shown.

4. Apply power to the saw.

Warning: ALWAYS turn the saw off and allow the saw blade to come to a complete stop before attempting to remove cut-off pieces.

REPLACEMENT PARTS



78-939 CUT-OFF FENCE

| REF. NO. | PART NUMBER | DESCRIPTION |
|----------|-------------|---------------------------------|
| * | 78-939 | CUT-OFF FENCE, <i>CONST OF:</i> |
| 1 | 1350066 | KNOB ASSEMBLY |
| 2 | 1352363 | CLAMP |
| 3 | 1350191 | END CAP |
| 4 | 1350303 | 1/4-20 X 1-1/2" HEX HD SCREW |
| 5 | 1350295 | 1/4-20 X 1/2" HEX HD SCREW |
| 6 | 1350077 | FLAG DECAL |
| 7 | 1350300 | #10 X 4/4" FLAT HD SCREW |
| 8 | 1350302 | 1/4-20 X 1" HEX HD SCREW |
| 9 | 1350019 | GLIDE PAD |
| 10 | 1352361 | SUPPORT |
| 11 | 1352370 | NAMEPLATE |
| 12 | 1350280 | 1/4-20 LOCKNUT |
| 13 | 1352364 | BRACKET ASSEMBLY |
| 14 | 1350312 | 1/4" FLAT WASHER |
| 15 | 1350280 | 1/4-20 LOCKNUT |
| 16 | 1352360 | BOARD |

* NOT SHOWN ASSEMBLED

PARTS, SERVICE OR WARRANTY ASSISTANCE

To obtain additional information regarding this product or to obtain parts, service or warranty assistance, please call or fax the following toll free number. Highly qualified and experienced Customer Service Representatives are standing by to assist you.

Biesemeyer® Manufacturing

4825 Highway 45 North
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38305

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(731) 660-5986

Toll Free
(800) 782-1831

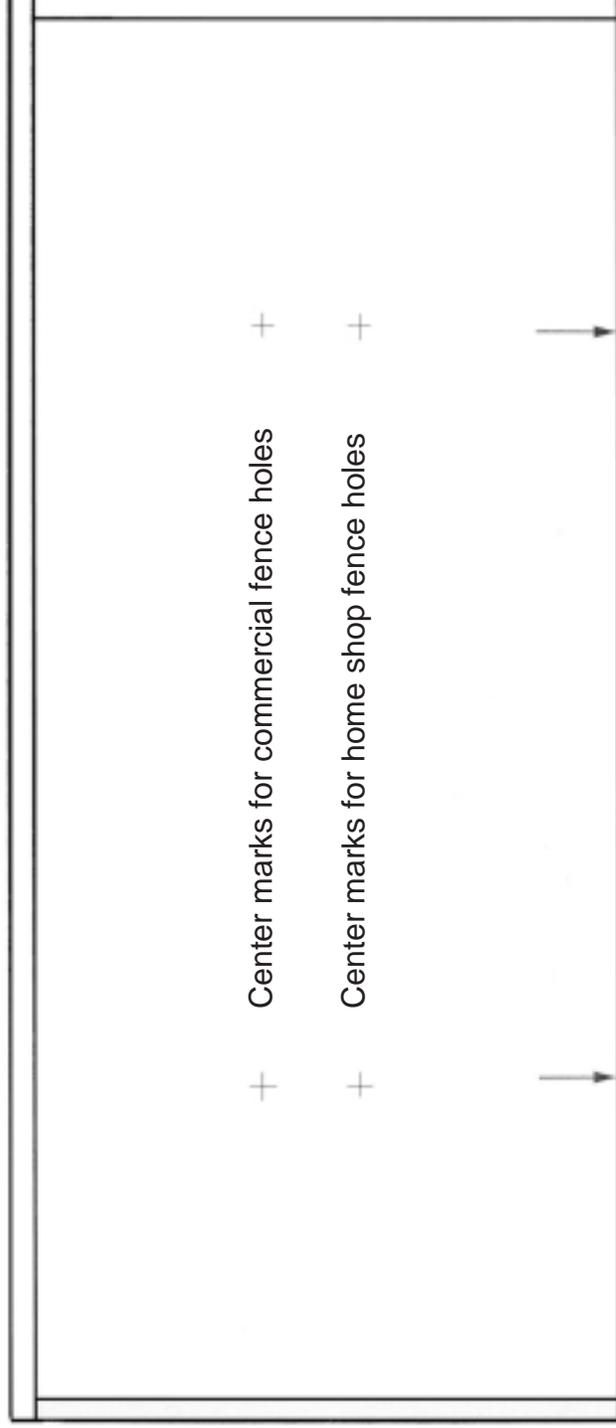


Two Year Limited Warranty

Delta will repair or replace, at its expense and at its option, any Delta machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer notifies his supplying distributor of the alleged defect within two years from the date of delivery to him, of the product and provides Delta Machinery with reasonable opportunity to verify the defect by inspection. Delta Machinery may require that electric motors be returned prepaid to the supplying distributor or authorized service center for inspection and repair or replacement. Delta Machinery will not be responsible for any asserted defect which has resulted from misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized Delta service facility, or representative. Under no circumstances will Delta Machinery be liable for incidental or consequential damages resulting from defective products. This warranty is Delta Machinery's sole warranty and sets forth the customer's exclusive remedy to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by Delta.

Cut Here

Hole Drilling Template for Biesemeyer Cut-Off Fence Model 78-939



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